

In The Claims

Claims 1-46 are pending in the case.

1. (Original) An odor-mitigating composition comprising a polymeric odor-mitigating reagent having one or more functional groups selected the group consisting of a Lewis Acid, a Lewis Base, an oxidizing agent, a hydro-sulfur labile compound or a reducing agent, wherein the polymeric reagent is substantially non-leaching and wherein the polymeric odor-mitigating reagent is contacted to a solid support.
2. (Original) The composition of claim 1 disposed in a device for use in contact with skin, hair or clothing of a user.
3. (Original) The composition of claim 2 wherein the device is a diaper.
4. (Original) The composition of claim 2 wherein the device is a shoe liner.
5. (Original) The composition of claim 2 wherein the device is a wound dressing.
6. (Original) The composition of claim 2 wherein the device is a sanitary pad.
7. (Original) The composition of claim 2 wherein in the device is a face mask.
8. (Original) The composition of claim 2 wherein the device is a hair care cap or cover.
9. (Original) The composition of claim 1, further comprising one or more promoters.
10. (Original) The composition of claim 1, further comprising a non-polymeric odor-mitigating reagent.
11. (Original) The composition of claim 10 wherein the non-polymeric odor-mitigating reagent is a Lewis Acid.
12. (Original) The composition of claim 10 wherein the non-polymeric odor-mitigating reagent is a Lewis Base.

13. (Original) The composition of claim 10 wherein the non-polymeric reagent is an oxidizing agent or hydro-sulfur labile compound.

14. (Original) The composition of claim 13 wherein the oxidizing agent is a sodium salt of dichloroisocyanuric acid.

15. (Original) An odor-mitigating composition comprising an admixture of:

(a) a polymeric promoter,

(b) an OMR, wherein the OMR is substantially non-leaching in the presence of the polymeric promoter, wherein the OMR is contacted to a solid support.

16. (Original) The composition of claim 15 wherein the OMR comprises a Lewis Acid.

17. (Original) The composition of claim 15 wherein the OMR comprises a Lewis Base.

18. (Original) The composition of claim 15 wherein the OMR comprises an oxidizing agent or a hydro-sulfur labile compound.

19. (Original) The composition of claim 15 wherein the OMR comprises 0.1%-10.0% by weight of oxidizing agent.

20. (Original) The composition of claim 15 wherein the OMR is the sodium salt of dichloroisocyanuric acid.

21. (Original) The composition of claim 15 wherein the OMR is polymeric.

22. (Original) The composition of claim 15 wherein the polymeric promoter comprises a polyether material.

23. (Original) The composition of claim 22 wherein the polyether material is polypropylene oxide, polyethylene oxide or carbowax.

24. (Original) The composition of claim 15 further comprising a low molecular weight polyether.

25. (Original) The composition of claim 24 wherein the low molecular weight polyether is a non-ionic surfactant ethylene oxide adduct having 6 or more ethylene oxide units.

26. (Original) The composition of claim 15 further comprising a disinfectant.

27. (Original) The composition of claim 26 wherein the disinfectant comprises ethanol or a quarternary ammonium halide.

28. (Original) A device containing the composition of claim 15, wherein the device contains layered or segregated composites, and wherein one or more of the composites comprises an OMR comprising a Lewis Acid, and one or more of the remaining composites comprises an OMR comprising a Lewis Base.

29. (Original) The device of claim 28 further comprising a oxidizing agent or a hydro-sulfur labile compound as an OMR in one or more of the composites.

30. (Original) A device comprising the composition of claim 15.

31. (Original) A diaper comprising the composition of claim 15.

32. (Original) A shoe liner comprising the composition of claim 15.

33. (Original) A wound dressing comprising the composition of claim 15.

34. (Original) A sanitary pad comprising the composition of claim 15.

35. (Original) A face mask comprising the composition of claim 15.

36. (Original) A hair care cap or cover comprising the composition of claim 15.

37. (Original) Use of the device of claim 30 outdoors.

38. (Original) An odor-mitigating device comprising:

- (a) an effective amount of a bleach or chlorine donor, and
- (b) a polymer capable of neutralizing hydrochloric acid.

39. (Original) The device of claim 38, wherein the polymer comprises carboxylate salt functional groups.

40. (Original) The device of claim 39, wherein the polymer is a super-absorbent polymer.

41. (Original) The device of claim 38 wherein the device is a disposable diaper.

42. (Original) The device of claim 38 wherein the device is an incontinence pad.

43. (Original) A method of mitigating a malodorant or other contaminant comprising exposing the composition of claim 15 to an environment containing the malodorant or other contaminant.

44. (Original) The method of claim 43 wherein the malodorant or other contaminant is air-borne.

45. (Original) The method of claim 43 wherein the malodorant or other contaminant is in liquid solution.

46. (Original) The method of claim 43, wherein the malodorant is ammonia.